

TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

# HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 1 lb. to the foot; 1-4th, or 2 lbs. 1 and 1-4th, or 4 lbs. to the foot, for  
RIDGE AND FURROW HOOPS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND  
PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY & CO. have directed their attention to the manufacture of a description of  
**ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.**  
The PATENT ROUGH PLATE is manufactured in glass equally for Ridge and Furrow Hoops, giving a span of from 8 to 18 feet at a price and amounting weight for weight that of common Crown Glass. It being stronger in bends and corners, and when used in Greenhouses no covering is necessary; the SUBSTRAPANEUM and strength render it eminently suitable for the Glazing of Cornices, and the Roofs of all kinds; also Factories, Workshops, &c. for which purposes it is supplied in squares of all sizes, from 8 by 8 inches and upwards. For further information apply to Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.  
N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1881.

## GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

Of three thicknesses, in long lengths: an economical substitute for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at  
**JOSEPH CHATER AND SON'S, ST. DUNSTON'S-HILL, TOWER-STREET, LONDON.**

**SHEET GLASS, 16 ounces to the foot, packed in boxes, containing 100 sheets, sizes from 11 by 9 to 14 by 14, at 6d. per box.**  
**GREEN GLASS, same size, 16 oz. per 100 feet. Boxes in which full price allowed when returned.**  
**PORTLAND SHEET GLASS, of very superior quality, packed in boxes of 100 feet each, in sizes varying from 14 by 14 to 18 by 14, at 6d. per box.**  
**HARTLEY'S PATENT ROUGH PLATE GLASS, for Cornices, Public Buildings, Manufactories, &c. 1 lb. to the foot, in sizes of 8 by 8, 12 by 12, 16 by 16, 20 by 20, 24 by 24, 32 by 32, 40 by 40, 48 by 48, 56 by 56, 64 by 64, 72 by 72, 80 by 80, 88 by 88, 96 by 96, 104 by 104, 112 by 112, 120 by 120, 128 by 128, 136 by 136, 144 by 144, 152 by 152, 160 by 160, 168 by 168, 176 by 176, 184 by 184, 192 by 192, 200 by 200, 208 by 208, 216 by 216, 224 by 224, 232 by 232, 240 by 240, 248 by 248, 256 by 256, 264 by 264, 272 by 272, 280 by 280, 288 by 288, 296 by 296, 304 by 304, 312 by 312, 320 by 320, 328 by 328, 336 by 336, 344 by 344, 352 by 352, 360 by 360, 368 by 368, 376 by 376, 384 by 384, 392 by 392, 400 by 400, 408 by 408, 416 by 416, 424 by 424, 432 by 432, 440 by 440, 448 by 448, 456 by 456, 464 by 464, 472 by 472, 480 by 480, 488 by 488, 496 by 496, 504 by 504, 512 by 512, 520 by 520, 528 by 528, 536 by 536, 544 by 544, 552 by 552, 560 by 560, 568 by 568, 576 by 576, 584 by 584, 592 by 592, 600 by 600, 608 by 608, 616 by 616, 624 by 624, 632 by 632, 640 by 640, 648 by 648, 656 by 656, 664 by 664, 672 by 672, 680 by 680, 688 by 688, 696 by 696, 704 by 704, 712 by 712, 720 by 720, 728 by 728, 736 by 736, 744 by 744, 752 by 752, 760 by 760, 768 by 768, 776 by 776, 784 by 784, 792 by 792, 800 by 800, 808 by 808, 816 by 816, 824 by 824, 832 by 832, 840 by 840, 848 by 848, 856 by 856, 864 by 864, 872 by 872, 880 by 880, 888 by 888, 896 by 896, 904 by 904, 912 by 912, 920 by 920, 928 by 928, 936 by 936, 944 by 944, 952 by 952, 960 by 960, 968 by 968, 976 by 976, 984 by 984, 992 by 992, 1000 by 1000, 1008 by 1008, 1016 by 1016, 1024 by 1024, 1032 by 1032, 1040 by 1040, 1048 by 1048, 1056 by 1056, 1064 by 1064, 1072 by 1072, 1080 by 1080, 1088 by 1088, 1096 by 1096, 1104 by 1104, 1112 by 1112, 1120 by 1120, 1128 by 1128, 1136 by 1136, 1144 by 1144, 1152 by 1152, 1160 by 1160, 1168 by 1168, 1176 by 1176, 1184 by 1184, 1192 by 1192, 1200 by 1200, 1208 by 1208, 1216 by 1216, 1224 by 1224, 1232 by 1232, 1240 by 1240, 1248 by 1248, 1256 by 1256, 1264 by 1264, 1272 by 1272, 1280 by 1280, 1288 by 1288, 1296 by 1296, 1304 by 1304, 1312 by 1312, 1320 by 1320, 1328 by 1328, 1336 by 1336, 1344 by 1344, 1352 by 1352, 1360 by 1360, 1368 by 1368, 1376 by 1376, 1384 by 1384, 1392 by 1392, 1400 by 1400, 1408 by 1408, 1416 by 1416, 1424 by 1424, 1432 by 1432, 1440 by 1440, 1448 by 1448, 1456 by 1456, 1464 by 1464, 1472 by 1472, 1480 by 1480, 1488 by 1488, 1496 by 1496, 1504 by 1504, 1512 by 1512, 1520 by 1520, 1528 by 1528, 1536 by 1536, 1544 by 1544, 1552 by 1552, 1560 by 1560, 1568 by 1568, 1576 by 1576, 1584 by 1584, 1592 by 1592, 1600 by 1600, 1608 by 1608, 1616 by 1616, 1624 by 1624, 1632 by 1632, 1640 by 1640, 1648 by 1648, 1656 by 1656, 1664 by 1664, 1672 by 1672, 1680 by 1680, 1688 by 1688, 1696 by 1696, 1704 by 1704, 1712 by 1712, 1720 by 1720, 1728 by 1728, 1736 by 1736, 1744 by 1744, 1752 by 1752, 1760 by 1760, 1768 by 1768, 1776 by 1776, 1784 by 1784, 1792 by 1792, 1800 by 1800, 1808 by 1808, 1816 by 1816, 1824 by 1824, 1832 by 1832, 1840 by 1840, 1848 by 1848, 1856 by 1856, 1864 by 1864, 1872 by 1872, 1880 by 1880, 1888 by 1888, 1896 by 1896, 1904 by 1904, 1912 by 1912, 1920 by 1920, 1928 by 1928, 1936 by 1936, 1944 by 1944, 1952 by 1952, 1960 by 1960, 1968 by 1968, 1976 by 1976, 1984 by 1984, 1992 by 1992, 2000 by 2000, 2008 by 2008, 2016 by 2016, 2024 by 2024, 2032 by 2032, 2040 by 2040, 2048 by 2048, 2056 by 2056, 2064 by 2064, 2072 by 2072, 2080 by 2080, 2088 by 2088, 2096 by 2096, 2104 by 2104, 2112 by 2112, 2120 by 2120, 2128 by 2128, 2136 by 2136, 2144 by 2144, 2152 by 2152, 2160 by 2160, 2168 by 2168, 2176 by 2176, 2184 by 2184, 2192 by 2192, 2200 by 2200, 2208 by 2208, 2216 by 2216, 2224 by 2224, 2232 by 2232, 2240 by 2240, 2248 by 2248, 2256 by 2256, 2264 by 2264, 2272 by 2272, 2280 by 2280, 2288 by 2288, 2296 by 2296, 2304 by 2304, 2312 by 2312, 2320 by 2320, 2328 by 2328, 2336 by 2336, 2344 by 2344, 2352 by 2352, 2360 by 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by 3504, 3512 by 3512, 3520 by 3520, 3528 by 3528, 3536 by 3536, 3544 by 3544, 3552 by 3552, 3560 by 3560, 3568 by 3568, 3576 by 3576, 3584 by 3584, 3592 by 3592, 3600 by 3600, 3608 by 3608, 3616 by 3616, 3624 by 3624, 3632 by 3632, 3640 by 3640, 3648 by 3648, 3656 by 3656, 3664 by 3664, 3672 by 3672, 3680 by 3680, 3688 by 3688, 3696 by 3696, 3704 by 3704, 3712 by 3712, 3720 by 3720, 3728 by 3728, 3736 by 3736, 3744 by 3744, 3752 by 3752, 3760 by 3760, 3768 by 3768, 3776 by 3776, 3784 by 3784, 3792 by 3792, 3800 by 3800, 3808 by 3808, 3816 by 3816, 3824 by 3824, 3832 by 3832, 3840 by 3840, 3848 by 3848, 3856 by 3856, 3864 by 3864, 3872 by 3872, 3880 by 3880, 3888 by 3888, 3896 by 3896, 3904 by 3904, 3912 by 3912, 3920 by 3920, 3928 by 3928, 3936 by 3936, 3944 by 3944, 3952 by 3952, 3960 by 3960, 3968 by 3968, 3976 by 3976, 3984 by 3984, 3992 by 3992, 4000 by 4000, 4008 by 4008, 4016 by 4016, 4024 by 4024, 4032 by 4032, 4040 by 4040, 4048 by 4048, 4056 by 4056, 4064 by 4064, 4072 by 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by 5216, 5224 by 5224, 5232 by 5232, 5240 by 5240, 5248 by 5248, 5256 by 5256, 5264 by 5264, 5272 by 5272, 5280 by 5280, 5288 by 5288, 5296 by 5296, 5304 by 5304, 5312 by 5312, 5320 by 5320, 5328 by 5328, 5336 by 5336, 5344 by 5344, 5352 by 5352, 5360 by 5360, 5368 by 5368, 5376 by 5376, 5384 by 5384, 5392 by 5392, 5400 by 5400, 5408 by 5408, 5416 by 5416, 5424 by 5424, 5432 by 5432, 5440 by 5440, 5448 by 5448, 5456 by 5456, 5464 by 5464, 5472 by 5472, 5480 by 5480, 5488 by 5488, 5496 by 5496, 5504 by 5504, 5512 by 5512, 5520 by 5520, 5528 by 5528, 5536 by 5536, 5544 by 5544, 5552 by 5552, 5560 by 5560, 5568 by 5568, 5576 by 5576, 5584 by 5584, 5592 by 5592, 5600 by 5600, 5608 by 5608, 5616 by 5616, 5624 by 5624, 5632 by 5632, 5640 by 5640, 5648 by 5648, 5656 by 5656, 5664 by 5664, 5672 by 5672, 5680 by 5680, 5688 by 5688, 5696 by 5696, 5704 by 5704, 5712 by 5712, 5720 by 5720, 5728 by 5728, 5736 by 5736, 5744 by 5744, 5752 by 5752, 5760 by 5760, 5768 by 5768, 5776 by 5776, 5784 by 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by 6928, 6936 by 6936, 6944 by 6944, 6952 by 6952, 6960 by 6960, 6968 by 6968, 6976 by 6976, 6984 by 6984, 6992 by 6992, 7000 by 7000, 7008 by 7008, 7016 by 7016, 7024 by 7024, 7032 by 7032, 7040 by 7040, 7048 by 7048, 7056 by 7056, 7064 by 7064, 7072 by 7072, 7080 by 7080, 7088 by 7088, 7096 by 7096, 7104 by 7104, 7112 by 7112, 7120 by 7120, 7128 by 7128, 7136 by 7136, 7144 by 7144, 7152 by 7152, 7160 by 7160, 7168 by 7168, 7176 by 7176, 7184 by 7184, 7192 by 7192, 7200 by 7200, 7208 by 7208, 7216 by 7216, 7224 by 7224, 7232 by 7232, 7240 by 7240, 7248 by 7248, 7256 by 7256, 7264 by 7264, 7272 by 7272, 7280 by 7280, 7288 by 7288, 7296 by 7296, 7304 by 7304, 7312 by 7312, 7320 by 7320, 7328 by 7328, 7336 by 7336, 7344 by 7344, 7352 by 7352, 7360 by 7360, 7368 by 7368, 7376 by 7376, 7384 by 7384, 7392 by 7392, 7400 by 7400, 7408 by 7408, 7416 by 7416, 7424 by 7424, 7432 by 7432, 7440 by 7440, 7448 by 7448, 7456 by 7456, 7464 by 7464, 7472 by 7472, 7480 by 7480, 7488 by 7488, 7496 by 7496, 7504 by 7504, 7512 by 7512, 7520 by 7520, 7528 by 7528, 7536 by 7536, 7544 by 7544, 7552 by 7552, 7560 by 7560, 7568 by 7568, 7576 by 7576, 7584 by 7584, 7592 by 7592, 7600 by 7600, 7608 by 7608, 7616 by 7616, 7624 by 7624, 7632 by 7632, 7640 by 7640, 7648 by 7648, 7656 by 7656, 7664 by 7664, 7672 by 7672, 7680 by 7680, 7688 by 7688, 7696 by 7696, 7704 by 7704, 7712 by 7712, 7720 by 7720, 7728 by 7728, 7736 by 7736, 7744 by 7744, 7752 by 7752, 7760 by 7760, 7768 by 7768, 777**